



Ferrite Chip Bead for GHz Range Noise Suppression (Lead Free)

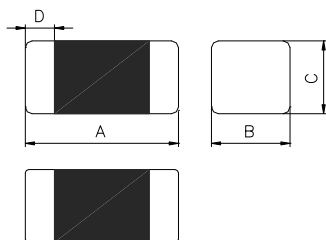
GHB1005HF-Series

1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. The GHB1005 series is intended for standard signal lines as this series provides significant impedance across a broad frequency range.
6. The magnetic shielded structure minimizes crosstalk.
7. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
8. Operating Temperature: -55~+125°C (Including self-temperature rise)



2. Dimensions



Chip Size	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

Unit : mm

3. Part Numbering

GHB	1005	HF	-	601	T	03
A	B	C		D	E	F

A: Series
 B: Dimension
 C: Material
 D: Impedance
 E: Packaging
 F: Rated Current

L x W
 Lead Free Material
 601=600Ω
 T=Taping and Reel,
 B=Bulk(Bags) 03=300mA

4. Specification

Part Number	Impedance(Ω)		DC Resistance (Ω) max.	Rated Current (mA) max.
	100MHz	1GHz		
GHB1005HF-601T03	600±25%	1400±40%	0.85	300
GHB1005HF-102T02	1000±25%	2000±40%	1.25	250
GHB1005HF-152T02	1500±25%	2300±40%	1.50	200
GHB1005HF-182T02	1800±25%	2700±40%	2.00	200

- Rated current: based on temperature rise test
- In compliance with EIA 595



Impedance Frequency Characteristics(Typical)

